

5.7 CULTURAL RESOURCES

This section addresses the cultural resources for the proposed PEF Expansion. Cultural resources include archaeological and historical objects, sites and districts, historic buildings and structures, cultural landscapes, and sites and resources of concern to local Native Americans and other ethnic groups. The environmental consequences of developing the PEF Expansion are also discussed, along with the Applicant's proposal to apply the applicable Conditions of Certification for the existing PEF to the PEF Expansion.

The PEF Expansion consists of a nominal 160 MW simple cycle combustion turbine generator. The PEF Expansion area will be approximately two acres located entirely within the existing PEF 31-acre site boundary. The PEF Expansion requires no modification to the existing PEF offsite linear facilities (e.g., electric transmission line, fuel gas supply line, or water supply line). The PEF Expansion will use the existing PEF administration and control, warehouse and shop, and water treatment buildings. Site access and onsite roadways are common with the existing PEF. Figure 3.1-1 of this application depicts the new facilities required for the PEF Expansion project within the footprint of the existing PEF.

5.7.1 Affected Environment

The affected environment for the PEF Expansion is as described in 99-AFC-7. The Cultural Resources Section 5.7 of 99-AFC-7 is included as part of Attachment F and appended to this application. Extensive cultural resource data has been documented and submitted to the CEC as part of construction compliance requirements. A summary of these materials is included in Attachment F to this application.

5.7.2 Environmental Consequences

The cultural resource evaluation for the PEF Expansion remains unchanged from Section 5.7 of 99-AFC-7. A confidential Cultural Resources Technical Report was prepared for 99-AFC-7.

The PEF Expansion will share common facilities with the existing PEF and thus, the site disturbance remains unchanged from the existing PEF. Consequently, no new impacts to cultural resources are expected as a result of the PEF Expansion. Section 5.7 from 99-AFC-7 is included for reference in Attachment F of this application.

5.7.3 Mitigation

The Applicant proposes to apply the applicable Conditions of Certification for the existing PEF to the PEF Expansion. The Conditions of Certification for 99-AFC-7 are included in Section 9.0 of this application. With the implementation of the applicable Conditions of

Certification, no significant unavoidable adverse impacts to cultural resources are anticipated due to construction or operation of the PEF Expansion.

5.7.4 LORS Compliance

The PEF Expansion will comply with applicable LORS related to cultural resources. A complete list of the applicable LORS for cultural resources is included in Section 7.0 LORS of this application.

5.7.5 References

The cultural resources references for the existing PEF are applicable to the PEF Expansion. The references from Section 5.7 of 99-AFC-7 are included as part of Attachment C of this application.